



Complete Summary

TITLE

Colorectal cancer screening: percentage of patients age 50 to 80 who are seen in the last month and who are up-to-date with respect to screening for colorectal cancer.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Colorectal cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Jun. 50 p. [71 references]

Measure Domain

PRIMARY MEASURE DOMAIN

Process

The validity of measures depends on how they are built. By examining the key building blocks of a measure, you can assess its validity for your purpose. For more information, visit the [Measure Validity](#) page.

SECONDARY MEASURE DOMAIN

Does not apply to this measure

Brief Abstract

DESCRIPTION

This measure is used to assess the percentage of people age 50 to 80 who are seen in the last month and who are up-to-date with respect to screening for colorectal cancer.

RATIONALE

The priority aim addressed by this measure is to increase the percentage of people age 50 to 80 who are up-to-date with colorectal screening.

PRIMARY CLINICAL COMPONENT

Colorectal cancer; screening; fecal occult blood test; flexible sigmoidoscopy; colonoscopy; virtual colonoscopy (CT colonography); barium enema; air contrast barium enema

DENOMINATOR DESCRIPTION

Number of people age 50 to 80 who had an encounter with the medical group in the past month

NUMERATOR DESCRIPTION

Number of people in the denominator with up-to-date screening for colorectal cancer (see the related "Numerator Inclusions/Exclusions" field in the Complete Summary)

Evidence Supporting the Measure

EVIDENCE SUPPORTING THE CRITERION OF QUALITY

- A clinical practice guideline or other peer-reviewed synthesis of the clinical evidence

NATIONAL GUIDELINE CLEARINGHOUSE LINK

- [Colorectal cancer screening.](#)

Evidence Supporting Need for the Measure

NEED FOR THE MEASURE

Unspecified

State of Use of the Measure

STATE OF USE

Current routine use

CURRENT USE

Internal quality improvement

Application of Measure in its Current Use

CARE SETTING

Physician Group Practices/Clinics

PROFESSIONALS RESPONSIBLE FOR HEALTH CARE

Physicians

LOWEST LEVEL OF HEALTH CARE DELIVERY ADDRESSED

Group Clinical Practices

TARGET POPULATION AGE

Age 50 to 80 years

TARGET POPULATION GENDER

Either male or female

STRATIFICATION BY VULNERABLE POPULATIONS

Unspecified

Characteristics of the Primary Clinical Component

INCIDENCE/PREVALENCE

Unspecified

ASSOCIATION WITH VULNERABLE POPULATIONS

Unspecified

BURDEN OF ILLNESS

Unspecified

UTILIZATION

Unspecified

COSTS

Unspecified

Institute of Medicine National Healthcare Quality Report Categories

IOM CARE NEED

Staying Healthy

IOM DOMAIN

Effectiveness

Data Collection for the Measure

CASE FINDING

Users of care only

DESCRIPTION OF CASE FINDING

People age 50 to 80 who have been seen within the last month

A random sample of at least 10 people per month who were seen by the medical group in the month. The status of the individuals is most likely collected with chart abstract data. However, an individual's status may be collected with administrative data and augmented with chart abstraction of those found not up-to-date with colorectal cancer screens.

A lack of data on an individual is interpreted as not up-to-date and is not counted in the numerator, but is included in the denominator.

DENOMINATOR SAMPLING FRAME

Patients associated with provider

DENOMINATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of people age 50 to 80 who had an encounter with the medical group in the past month

Exclusions

Unspecified

RELATIONSHIP OF DENOMINATOR TO NUMERATOR

All cases in the denominator are equally eligible to appear in the numerator

DENOMINATOR (INDEX) EVENT

Encounter

DENOMINATOR TIME WINDOW

Time window is a single point in time

NUMERATOR INCLUSIONS/EXCLUSIONS

Inclusions

Number of people in the denominator with up-to-date screening for colorectal cancer*

*Of the people in the denominator,

EITHER

Standard series of 3 Fecal Occult Blood Tests (FOBT or Hemoccult) in the last year (from date of encounter)

Current Procedure Terminology (CPT-4) code:

82270 FOBT

OR

Any sigmoidoscopy, colonoscopy, or virtual colonoscopy (CT colonography) in the last 5 years (from date of encounter)

CPT-4 code:

45330 Flexible sigmoidoscopy

45331 with biopsy

45333 with polyp removal by hot biopsy forceps or bipolar cautery

45338 with polyp removal by snare

45339 with ablation not amenable by snare or by hot biopsy forceps or bipolar cautery

45378 Colonoscopy

45380 with biopsy

45383 with ablation not amenable by snare or by hot biopsy forceps or bipolar cautery

45384 with polyp removal by hot biopsy forceps or bipolar cautery

45385 with polyp removal by snare

0066T screening CT colonography

OR

Barium enema or air contrast barium enema

CPT-4 code:

74270 Barium enema

74280 Air contrast barium enema

Exclusions
Unspecified

MEASURE RESULTS UNDER CONTROL OF HEALTH CARE PROFESSIONALS, ORGANIZATIONS AND/OR POLICYMAKERS

The measure results are somewhat or substantially under the control of the health care professionals, organizations and/or policymakers to whom the measure applies.

NUMERATOR TIME WINDOW

Fixed time period

DATA SOURCE

Administrative data
Medical record

LEVEL OF DETERMINATION OF QUALITY

Individual Case

PRE-EXISTING INSTRUMENT USED

Unspecified

Computation of the Measure

SCORING

Rate

INTERPRETATION OF SCORE

Better quality is associated with a higher score

ALLOWANCE FOR PATIENT FACTORS

Unspecified

STANDARD OF COMPARISON

Internal time comparison

Evaluation of Measure Properties

EXTENT OF MEASURE TESTING

Unspecified

Identifying Information

ORIGINAL TITLE

Percentage of people age 50 to 80 who are seen in the last month and who are up-to-date with respect to screening for colorectal cancer.

MEASURE COLLECTION

[Colorectal Cancer Screening Measures](#)

DEVELOPER

Institute for Clinical Systems Improvement

ADAPTATION

Measure was not adapted from another source.

RELEASE DATE

2003 Jul

REVISION DATE

2006 Jun

MEASURE STATUS

This is the current release of the measure.

This measure updates a previous version: Institute for Clinical Systems Improvement (ICSI). Colorectal cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2005 Jun. 57 p.

SOURCE(S)

Institute for Clinical Systems Improvement (ICSI). Colorectal cancer screening. Bloomington (MN): Institute for Clinical Systems Improvement (ICSI); 2006 Jun. 50 p. [71 references]

MEASURE AVAILABILITY

The individual measure, "Percentage of people age 50 to 80 who are seen in the last month and who are up-to-date with respect to screening for colorectal cancer," is published in "Health Care Guideline: Colorectal Cancer Screening." This document is available from the [Institute for Clinical Systems Improvement \(ICSI\) Web site](#).

For more information, contact ICSI at, 8009 34th Avenue South, Suite 1200, Bloomington, MN 55425; phone: 952-814-7060; fax: 952-858-9675; Web site: www.icsi.org; e-mail: icsi.info@icsi.org.

NQMC STATUS

This NQMC summary was completed by ECRI on April 6, 2004. This NQMC summary was updated by ECRI on October 11, 2004, August 1, 2005 and again on July 17 2006.

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